

## ABSTRACT OF THE DISCLOSURE:

A snowmobile four-cycle engine arrangement, includes:  
a four-cycle engine arranged in an engine compartment formed  
in the front body of a snowmobile with its crankshaft laid  
5 substantially parallel to the body width and having a cylinder  
case inclined forwards with respect to the vehicle's direction  
of travel. The engine employs a dry sump oil supplying system  
and an oil tank separate from the engine is provided. Another  
snowmobile four-cycle engine arrangement includes: a  
10 four-cycle engine having a cylinder head at its top, arranged  
in the engine compartment and inclined forwards with respect  
to the vehicle's direction of travel with an intake path  
provided on the upper portion of the engine body. An  
intercooler for cooling the intake air is arranged in a tunnel  
15 created inside the body frame for accommodating a track belt.